

## REMARKS

### Overview

Claims 1-59 and 69-72 are pending in this application. Claims 1, 54, 69 and 71 have been amended. The present response is an earnest effort to place all claims in proper form for immediate allowance.

### Issues under 35 U.S.C. § 102

Claims 1, 54, 69 and 71 are rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Pat. 6,436,615 to Brandow et al. Claim 1 now requires "the first plurality of molecules having internal bonds internal to a ring structure and capable of selective reaction upon exposure to electrons, ions, photons, or heat." This makes clear, that the "internal" bonds refer to internal to the ring structure. The Examiner has been treating all bonds as internal. As shown in Figure 1, it is the internal bonds of the ring that react to produce the stable intermediary structure and acetone, which leaves by evaporation - a very elegant result. The stable intermediary structure, derived from the ring, contains not one, but two functional groups, an aldehyde and a vinyl group. Brandow does not react any internal bonds of a ring structure. Therefore, Brandow cannot anticipate and these rejections must be withdrawn.

Claim 54 now requires "reacting at least one internal bond of each of the plurality of selected molecules to provide a stable functional terminal group." Claim 54 further requires "the internal bond defined as being internal to a ring structure of the molecule." Claim 69 now requires "selectively reacting at least one internal bond internal to a ring structure of one of the plurality of molecules to form at least one second functional group." Claim 71 now requires that the internal bonds are "internal to a ring structure of each molecule." In all these claims, the use

of "internal" is consistent, and it is clear that the bonds are internal to a ring structure. Brandow does not react any internal bonds of a ring structure, therefore, this rejection must be withdrawn.

Claim 1 is rejected under 35 U.S.C. § 102(b) as anticipated by U.S. Pat. 5,079,600 to Schnur. Schnur does not react any internal bonds of a ring structure. Therefore, this rejection must be withdrawn.

Claim 1 is rejected under 35 U.S.C. § 102(b) as anticipated by U.S. Pat. 5,514,501 to Tarlov. Tarlov does not react any internal bonds of a ring structure. Therefore, this rejection must be withdrawn.

Claim 1 is rejected under 35 U.S.C. § 102(b) as anticipated by a non-patent publication, Lercel et al. Lercel does not react any internal bonds of a ring structure. Therefore, this rejection must be withdrawn.

Claim 1 is rejected under 35 U.S.C. § 102(b) as anticipated by a non-patent publication, Maoz et al. Maoz does not react any internal bonds of a ring structure. Therefore, this rejection must be withdrawn.

Claims 2-53, 55-59, 70 and 72 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Brandow in view of Keana and further in view of the non-patent publication of Nyffenegger. None of these references disclose reacting internal bonds within a ring structure in the manner claimed. Therefore, it is respectfully submitted that these rejections be withdrawn.

This is a request under the provision of 37 CFR § 1.136(a) to extend the period for filing a response in the above-identified application for one month from April 21, 2004 to May 21, 2004. Applicant is a small entity; therefore, please charge Deposit Account number 26-0084 in the amount of \$55.00 for one month to cover the cost of the extension. Any deficiency or overpayment should be charged or credited to Deposit Account 26-0084.

Reconsideration and allowance is respectfully requested.

Respectfully submitted,

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